

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/913,762
Source: 1FW16
Date Processed by STIC: 3/18/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE
APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A
NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>09/913,762</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleic <input type="checkbox"/> Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino <input type="checkbox"/> Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input type="checkbox"/> Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 <input type="checkbox"/> "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences <input type="checkbox"/> (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences <input type="checkbox"/> (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's <input type="checkbox"/> (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <input type="checkbox"/> Invalid <213> <input type="checkbox"/> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 <input type="checkbox"/> "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid	



IFW16

RAW SEQUENCE LISTING DATE: 03/18/2005
 PATENT APPLICATION: US/09/913,762 TIME: 10:41:08

Input Set : A:\9446.2 Sequence Listing CRF.TXT
 Output Set: N:\CRF4\03182005\I913762.raw

3 <110> APPLICANT: Milligan, Graeme
 4 Rees, Edward S.
 6 <120> TITLE OF INVENTION: Receptor Assay
 8 <130> FILE REFERENCE: 9013-13
 10 <140> CURRENT APPLICATION NUMBER: 09/913,762
 11 <141> CURRENT FILING DATE: 2001-11-27
 13 <150> PRIOR APPLICATION NUMBER: GB 9903767.3
 14 <151> PRIOR FILING DATE: 1999-02-18
 16 <160> NUMBER OF SEQ ID NOS: 17
 18 <170> SOFTWARE: PatentIn version 3.2
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 63
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Artificial sequence
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: Primer
 28 <400> SEQUENCE: 1
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 31 ggc 63
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 36
 36 <212> TYPE: DNA
 37 <213> ORGANISM: Artificial sequence
 39 <220> FEATURE:
 40 <223> OTHER INFORMATION: Primer
 42 <400> SEQUENCE: 2
 43 aaaaaggatc ctcccgccag cagttagtca tttgta 36
 46 <210> SEQ ID NO: 3
 47 <211> LENGTH: 27
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Artificial sequence
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: Primer
 54 <400> SEQUENCE: 3
 55 atggactaca aggacgacga tgataag 27
 58 <210> SEQ ID NO: 4
 59 <211> LENGTH: 32
 60 <212> TYPE: DNA
 61 <213> ORGANISM: Artificial sequence
 63 <220> FEATURE:
 64 <223> OTHER INFORMATION: Primer
 66 <400> SEQUENCE: 4
 67 aaaaaggatc cagtaaagga 32
 gaagaacttt tc

*Dose Not Comply
 Connected Diskette Needed*

pp 2-3

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/913,762

DATE: 03/18/2005
TIME: 10:41:08

Input Set : A:\9446.2 Sequence Listing CRF.TXT
Output Set: N:\CRF4\03182005\I913762.raw

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70 <210> SEQ ID NO: 5
71 <211> LENGTH: 33
72 <212> TYPE: DNA
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75 <220> FEATURE:
76 <223> OTHER INFORMATION: Primer
78 <400> SEQUENCE: 5
79 tgctctagat tattgtata gttcatccat gcc
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 28
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Primer
90 <400> SEQUENCE: 6
91 ggaaggtaacc agtaaaggag aagaactt
94 <210> SEQ ID NO: 7
95 <211> LENGTH: 36
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Primer
102 <400> SEQUENCE: 7
103 tgctctagat tattgtata gttcatccat gccatg
106 <210> SEQ ID NO: 8
107 <211> LENGTH: 27
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Primer
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115 gacggtagctt ctaaaatgaa tcccgat
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 26
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Primer
126 <400> SEQUENCE: 9
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130 <210> SEQ ID NO: 10
131 <211> LENGTH: 10
132 <212> TYPE: PRT
133 <213> ORGANISM: Artificial sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Novel insufficient explanation - give source of genetic material - see item 11 on Error Summary sheet
138 <400> SEQUENCE: 10
140 Ala Gly Ala Gly Ala Gly Ala Gly Gly Ala
141 1 5 10

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/913,762

DATE: 03/18/2005
TIME: 10:41:08

Input Set : A:\9446.2 Sequence Listing CRF.TXT
Output Set: N:\CRF4\03182005\I913762.raw

144 <210> SEQ ID NO: 11
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146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial sequence
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150 <223> OTHER INFORMATION: Novel
152 <400> SEQUENCE: 11
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155 1
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160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial sequence
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164 <223> OTHER INFORMATION: Novel
166 <400> SEQUENCE: 12
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169 1 5
172 <210> SEQ ID NO: 13
173 <211> LENGTH: 20
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Primer
180 <400> SEQUENCE: 13
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185 <211> LENGTH: 33
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Primer
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198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Primer
204 <400> SEQUENCE: 15
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208 <210> SEQ ID NO: 16
209 <211> LENGTH: 34
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211 <213> ORGANISM: Artificial sequence
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214 <223> OTHER INFORMATION: Primer
216 <400> SEQUENCE: 16

RAW SEQUENCE LISTING DATE: 03/18/2005
PATENT APPLICATION: US/09/913,762 TIME: 10:41:08

Input Set : A:\9446.2 Sequence Listing CRF.TXT
Output Set: N:\CRF4\03182005\I913762.raw

217 ctttcaaggc tagggtcgtc acgacacctcggt ccgc 34
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221 <211> LENGTH: 41
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Primer
228 <400> SEQUENCE: 17
229 ccgggtgcagg aggtgcaaaa atggataacct gctctagtaa c 41

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/913,762

DATE: 03/18/2005

TIME: 10:41:09

Input Set : A:\9446.2 Sequence Listing CRF.TXT

Output Set: N:\CRF4\03182005\I913762.raw